

# Innovative Waterless Urinals at Lansdowne Road

*Twyford Bathrooms and WhiffAway Group, Saving Money, Water and Energy at prestigious Aviva Stadium*



## The AVIVA Stadium

### Project background

Lansdowne Road, a 50,000 seater stadium in Dublin, wanted to adopt green design principles that overcame problems with conventional plumbing systems, whilst tackling the common problems associated with standard urinals. Conventional urinals that experience heavy usage tend to suffer from the same problems: flooding, bad odours, regular blockages, vandalism and high water and energy usage. This combined with the lack of water capacity usually required to flush WC's and Urinals at intervals.



## THE SOLUTION

The Stadium's design team searched the market to find a urinal product with a very specific brief. In summary, the brief was the following:

### 1 DESIGN CRITERIA

The design of the urinal bowl needed to be in keeping with the premium sanitaryware in the hospitality areas. From a selection process of 18 different products Twyford/WhiffAway's bespoke offering was the preferred option.

### 2 ACCESS

The urinal required total access for maintenance purposes, whilst delivering the importance of design. The complete solution from Twyford/WhiffAway was the only system to have total access from the top, bottom and back of the bowl.

### 3 FUNCTION

The system needed to overcome odours, reduce blockages, improve hygiene and be completely non-hazardous to users. Having conducted trials, the Twyford/WhiffAway solution was the only system that delivered these benefits. Other systems using water, oils, sealing fluids, enzymes and traps were unsatisfactory.

### 4 ONGOING SUPPORT

As a public environment, the stadium's Management Team wanted the assurances of ongoing service support and continuity of supply. WhiffAway, who are a joint venture with McAlpine, who also have 105 years plumbing expertise; combined with the worldwide service delivery from WhiffAway and quality ceramic manufacture of Twyford, the client felt comfortable to choose the Twyford/WhiffAway System.

# The Result

The hospitality washroom areas and their 184 urinals experience constant usage during event days. The following results were recorded:

# 1.

## Elimination of smells:

Bad odours were significantly reduced.

# 2.

## Blockages:

There were no blockages reported.

# 3.

## Eradicating urinal water usage:

The water was completely eradicated without any detrimental effect to the washrooms urinal hygiene and cleanliness. Annual monetary savings are in excess of Euro 440 per urinal and reduces the stadium's total water consumption by over 35%.



## The conclusion

The Aviva Stadium is highly renowned as being a pioneer for implementing environmental best practice in the Stadium environment. The implementation of the Twyford/WhiffAway system not only reduced the cost of new build in the urinal area by 68%, but delivers ongoing commercial, environmental and operational savings thereafter.

## The Partnership

Combining expertise, Twyford Bathrooms and WhiffAway Group have developed a range of waterless urinal bowls called Odourwise, which deliver maximum BREAM points, design scope and a functional solution that truly works. This is combined with a fully dedicated installation, service and reactive helpline for ongoing support.

## WhiffAway Ltd

WhiffAway's complete urinal solution and associated service includes the WhiffAway cartridge, WhiffAway Hygiene-Seal, WhiffAway Cleaner and XL, forming the 'Water-Warrior System'.

The above package provides low cost consumables that are replaced by our nationwide network of service engineers at quarterly service intervals to ensure a high standard of cleanliness and appearance in your washroom.

To achieve these benefits today, please contact Will Hattersley Ltd on:

**Tel: +44 (0) 7555 676608**

**Email: [will.hattersley@whiffaway.co.uk](mailto:will.hattersley@whiffaway.co.uk) • Web: [www.whiffaway.com](http://www.whiffaway.com)**